

POLYMERIZATION CATALYST COMPOSITION

ABSTRACT

Copolymerization of Ni(II) or Co(II) acenaphthene imine complexes containing olefinic substituents on aryl groups with styrene in the presence of a
5 radical initiator results in polymerized late transition metal catalysts which can be used for olefin polymerization or oligomerization. These catalysts have high catalyst activity for olefin polymerization or oligomerization.